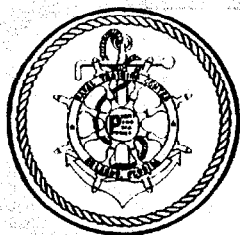


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PROPOSED PLAN FOR INTERIM REMEDIAL ACTION AT STUDY AREA 37 NTC ORLANDO  
FL  
11/1/1998  
NAVFAC SOUTHERN



# Naval Training Center Orlando, Florida

## Proposed Interim Remedial Action Study Area 37

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*This fact sheet was developed to inform interested citizens about the Naval Training Center (NTC), Orlando environmental program. Fact sheets will be distributed periodically to keep the community informed. Additional copies of these fact sheets can be obtained by calling the NTC, Orlando Public Affairs Office at (407) 646-4430.*

### Site Description

Study Area (SA) 37 is located on the Main Base of the NTC, Orlando, north of Langley Street (Figure 1). Building 2414 is a storage facility associated with the Bachelor Officers Quarters (Figure 2). Currently, the building is used to store golf carts and spare towels. Paint and related chemicals were stored in flammable storage lockers in a gravel-floored wooden shed attached to the north side of the building. The shed and flammable storage lockers have since been removed, and there is no obvious evidence of releases of material stored in the shed. A storage room door inside the building is marked "Grounds Tools," which may indicate that landscape maintenance activities occurred at the building, and related chemicals may have been stored, mixed, and used in the area.

### Site Investigations and Findings

Investigations at SA 37 included

- a site walkover,
- a review of historical documents,
- a review of aerial photographs, and
- soil and groundwater sampling.

The investigation focused on the former hazardous materials storage shed at the north end of Building 2414. Soil and groundwater samples were collected at this end of the building. A groundwater sample was also collected from a well south of the building, towards Lake Susannah. Sampling results showed that pesticide chemicals were present in surface soil in amounts exceeding Florida guidelines for residential land use. The presence of these pesticides is most likely related to landscape maintenance activities.

Based on these results, a follow-up investigation was planned. The focus of this investigation was to determine the extent, or area, affected by the pesticide chemicals. Additional soil samples were collected from all sides of the building. The investigation found that a small area of soil at the northeast corner of the building had pesticide chemicals in amounts exceeding Florida guidelines for residential land use.

### Recommendations and Conclusions

The Navy, U.S. Environmental Protection Agency, and Florida Department of Environmental Protection have determined that an interim remedial action (IRA) is

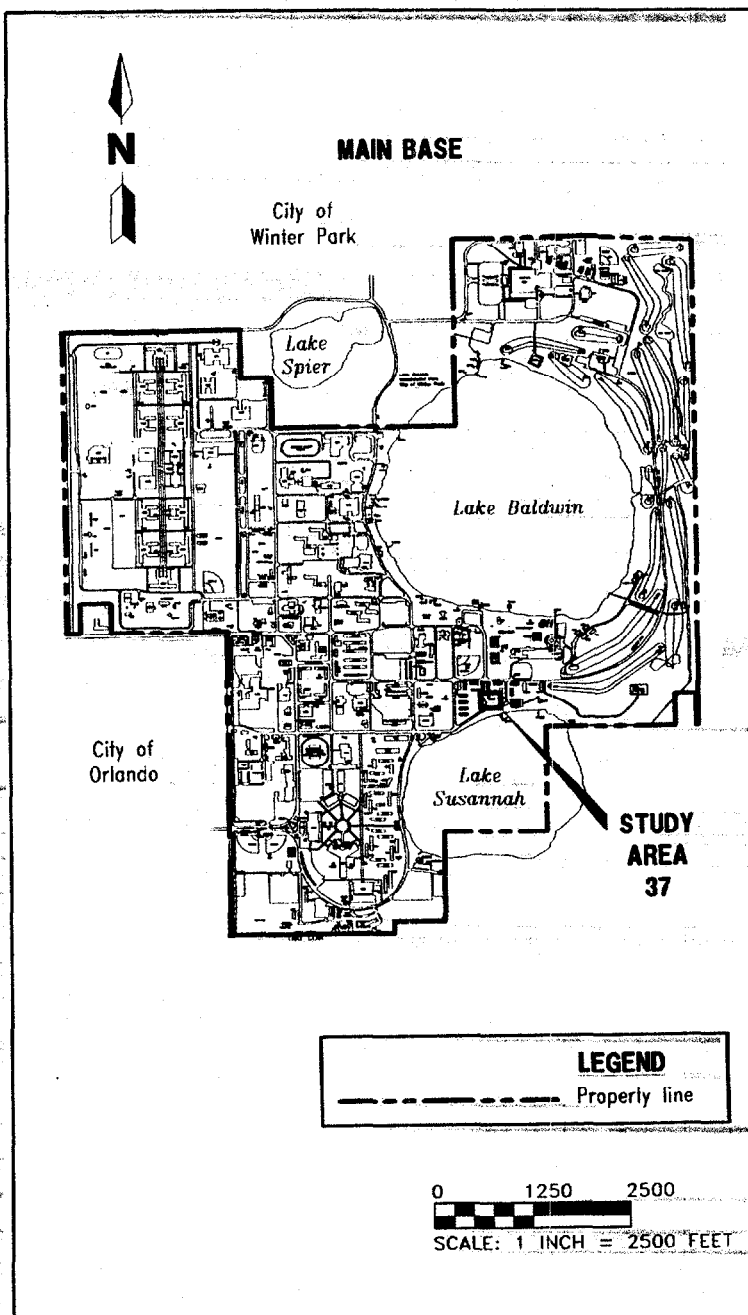


Figure 1. Study Area 37 Site Location Map

appropriate at SA 37 to protect human health. An IRA is an early cleanup of a specific portion of a site and can be performed before the whole site has been looked at. IRAs respond to environmental contamination of immediate concern and are sometimes the final action at a site. In this way, IRAs can help speed up the entire cleanup process.

### What's Next?

The IRA for Study Area 37, which will be completed in early 1999, will include digging up the contaminated soil at the northeast corner of the building. The soil excavated from the site will be treated to reduce contamination or transported to an off-base landfill designed to handle this type of material. An estimated 30 cubic yards of soil will be removed from an excavation 20-feet-long by 20-feet-wide by 2-feet-deep. Samples will be collected from the walls or floor of each excavation to confirm that Florida guidelines for residential land use have been achieved. After the soil is removed, clean soil will be placed into the hole left by the excavation.

After the contaminated soil from SA 37 has been removed, the Navy will focus on studying groundwater at the site. Monitoring wells will be installed and groundwater samples will be analyzed. These findings and recommendations for future actions at the site will be included in a report that will be reviewed by appropriate state, local, and federal agencies.

### Opportunities for Public Comment

The public is invited to submit any questions or comments on the remedial action described in this fact sheet. Written or verbal comments should be directed to the NTC, Orlando Public Works Office (see phone number listed below). A public comment period will be announced soon in the *Orlando Sentinel*.

### For More Information...

If you have questions about the Navy's action at SA 37, or on the environmental program at NTC, Orlando in general, please contact Mr. Wayne Hansel at the NTC, Orlando Public Works Office, (407) 646-5294. Reports on the work at SA 37 can be reviewed at these locations:

**Orange County Public Library**  
**Orlando Branch (2nd floor)**  
 101 East Central Boulevard  
 Orlando, Florida 32801  
 (407) 425-4694

**NTC, Orlando Public Works Department**  
 1350 Grace Hopper Avenue  
 Orlando, Florida 32813  
 (407) 646-4735

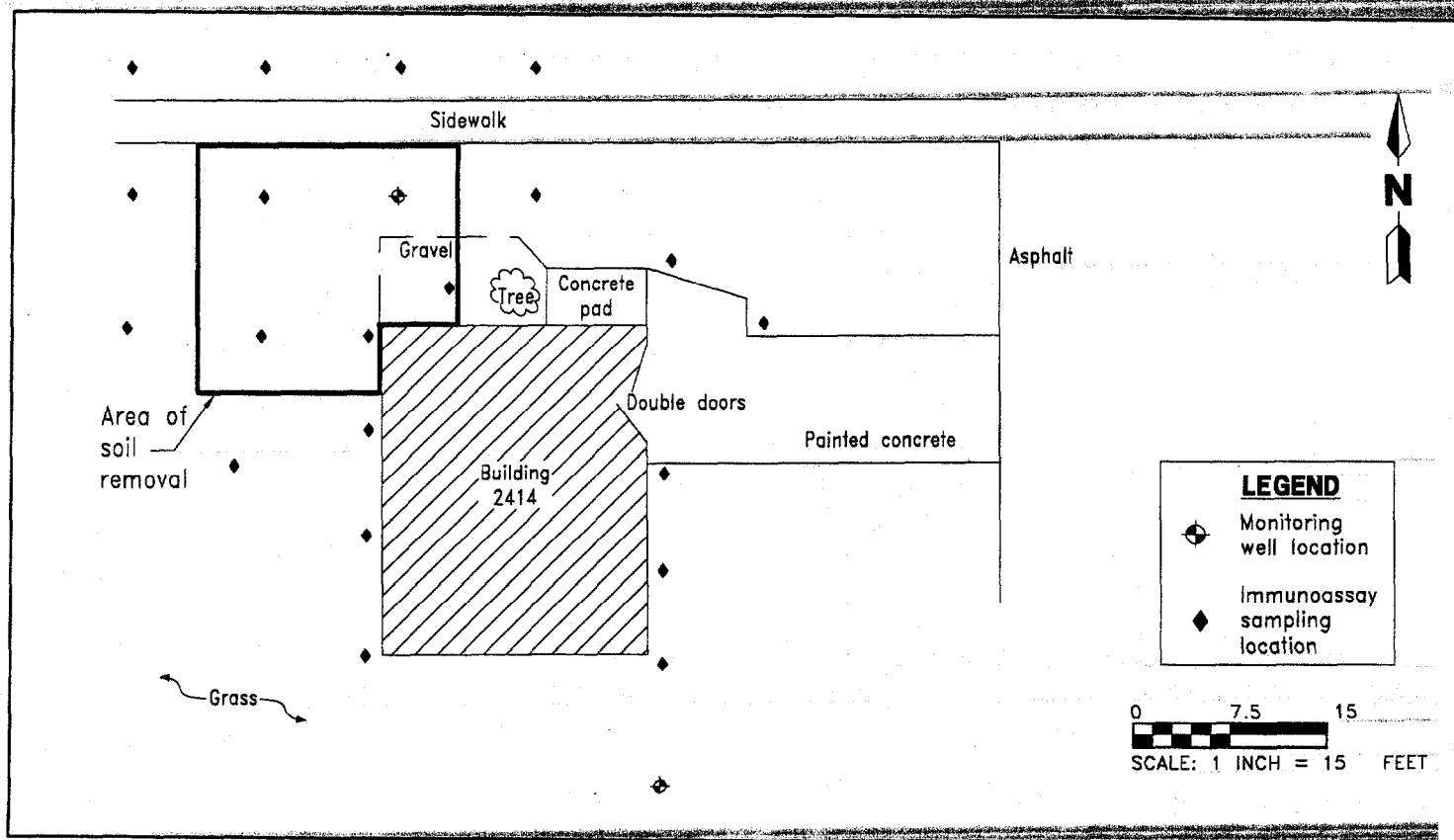


Figure 2. Study Area 37 Site Plan.